

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1134529	heartbeat or (heart adj beat) or pulse or (heart adj rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:02
L2	57915	1 near3 (authenticat\$ verif\$ compar\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:03
L3	10448	1 adj (authenticat\$ verif\$ compar\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:14
L4	39	3 same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:14
L5	6	ekg adj (authenticat\$ verif\$ compar\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:14
L6	0	5 same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:14
L7	0	5 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:14
L9	2	"20030128867".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:47
S1	111	726/5.cor.	USPAT	OR	OFF	2006/05/20 18:42
S2	243	726/5.ccls.	USPAT	OR	OFF	2006/05/18 17:15
S3	15	lange near daniel	USPAT	OR	OFF	2006/05/18 15:09
S4	29	lange near daniel	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/18 15:09
S5	426062	heartbeat or (heart adj beat) or pulse	USPAT	OR	ON	2006/05/18 17:32
S6	32	S5 WITH biometric	USPAT	OR	ON	2006/05/18 17:16
S7	512	biometric WITH signature	USPAT	OR	ON	2006/05/18 17:16
S8	5	S6 and S7	USPAT	OR	ON	2006/05/18 17:16

## EAST Search History

S9	1096736	heartbeat or (heart adj beat) or pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 17:32
S10	218	S9 WITH biometric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 17:32
S11	1677	S9 WITH signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 17:33
S12	9	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 17:41
S13	2	"20020138743".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 17:41
S14	1	S13 AND Signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 18:13
S15	745	biometric near Signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 17:34
S16	85	S9 and S15	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 20:11
S17	1	"6993378".pn. AND Signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 18:20
S18	2	"20030163710".pn. AND Signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 18:20
S19	1677	S9 with signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 20:11
S20	22	S19 and biometric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/18 20:12
S21	1	"4,239,048".pn.	USPAT	OR	OFF	2006/05/20 17:27

## EAST Search History

S22	2	"20030128867".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 17:34
S23	1	S22 and key	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 17:34
S24	0	S22 and encrypt\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 17:34
S25	1	S22 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:19
S26	0	S22 and \$card	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:20
S27	2	"6,385,594".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/20 18:21
S28	7055	smartcard or (smart adj card)	USPAT	OR	OFF	2006/05/20 18:42
S29	8640	smartcard or (smart adj card)	USPAT	OR	ON	2006/05/20 18:42
S30	398	S29 WITH biometric	USPAT	OR	ON	2006/05/20 18:42
S31	0	S30 same (authoriz\$ WITH limit\$ WITH Time)	USPAT	OR	ON	2006/05/20 18:43
S32	13	S30 and (authoriz\$ WITH limit\$ WITH Time)	USPAT	OR	ON	2006/05/20 18:43
S33	434500	heartbeat or (heart adj beat) or pulse	USPAT	OR	ON	2006/09/22 17:26
S34	1121777	heartbeat or (heart adj beat) or pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/23 13:02
S35	57034	S34 near3 (compar\$ verif\$ authenticat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:19
S36	161	S35 same signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:34

## EAST Search History

S37	38	S33 WITH biometric	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 15:34
S38	12	S37 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 16:08
S39	2	"20030128867".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 16:46
S40	0	S33 and S39	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 16:47
S41	1	S39 and signature	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 17:23
S42	1121777	heartbeat or (heart adj beat) or pulse	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 16:46
S43	1	S39 and S42	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 16:47
S44	1	S39 and compar\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 17:25
S45	1	S39 and database	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/09/22 17:25
S46	14820	(heartbeat or (heart adj beat) or pulse).ti.	USPAT	OR	ON	2006/09/22 17:26
S47	1	S46 and biometric	USPAT	OR	ON	2006/09/22 17:29
S48	119	S33 WITH authenticat\$	USPAT	OR	ON	2006/09/22 17:29